

## TEST PLAN: DAINIK COXSBAZAR WEBSITE

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**Project Name: Dainik Coxsbazar News Portal**

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**Version: 1.0**

**Status: Draft / Internal Review**

**Author: Rezwanul Rimel**

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### 1. INTRODUCTION

This Test Plan defines the testing strategy for verifying the functionality, content accuracy, performance, and overall user experience of the Dainik Coxsbazar news website. The objective is to ensure the platform is stable, readable, and reliable for readers, and fully functional for editors and administrators before public release.

### 2. OBJECTIVES

- Verify all core website features such as Search, Categories, and Archive
- Ensure proper rendering of Bengali Unicode fonts across all supported devices
- Validate Social Media sharing functionality and SEO meta-data
- Ensure UI stability under different advertisement placement scenarios

### 3. SCOPE

#### 3.1 In Scope (What will be tested):

- Front-End Pages: Homepage, Category pages, Single News Article pages
- Editor Interface: News upload, edit, and publish workflow
- Ad Layout: Proper alignment and no blank spaces on mobile and desktop
- Navigation: Menus, Breaking News ticker, Footer links
- Social & SEO: Facebook/WhatsApp sharing, Google search meta tags

#### 3.2 Out of Scope (What will not be tested):

- Backend database performance and optimization
- Automated test scripts (Manual testing only)
- Internal behavior of third-party advertisements (e.g., Google AdSense)

## **4. TEST APPROACH**

Testing will be conducted manually, focusing on real user behavior. The website will be tested from three perspectives:

- Reader: Reading news, browsing categories, sharing articles
- Editor: Uploading, editing, and managing news content
- Admin: Category management and site configuration

Both positive and negative test scenarios will be executed.

## **5. TEST TYPES**

- Smoke Testing: Verify basic accessibility and critical links
- Functional Testing: Search bar, category filters, archive navigation
- UI/UX Testing: Layout consistency, Bengali font clarity, ad placement
- Media Testing: Image loading, video playback, ALT text verification
- SEO & Social Testing: Correct title, description, and thumbnail on share
- Basic Security Testing: HTTPS validation and admin page protection
- Performance Testing: Manual validation of page load time ( $\leq 3$  seconds)

## **6. TEST ENVIRONMENT**

- Operating Systems: Windows 11, Android (v12+), iOS
- Browsers: Google Chrome, Mozilla Firefox, Safari
- Network: WiFi and 4G Mobile Data

## **7. ENTRY & EXIT CRITERIA**

Entry Criteria:

- Website is live and accessible
- Test environment is ready
- Editor/Admin credentials are provided

Exit Criteria:

- 100% planned test cases executed
- No Critical or High-severity defects remain open
- Test Summary Report prepared and approved

## **8. DELIVERABLES**

- Test Plan Document
- Test Case Suite (Excel / Word)
- Defect Reports with screenshots
- Test Summary Report (Final Sign-off)

## **9. RISKS & MITIGATION**

- API Failure: Widgets should fail gracefully without breaking UI
- Broken Links: Regular checks for 404 errors in archived news
- Security Risk: Ensure SSL and restricted access to admin panel
- Font Issues: Test Bengali fonts on older Android and iOS versions